

Please type a plus (+) sign in this box → ☐

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

For new non-provisional applications under 37 C.F.R. § 1.53(B)

Attorney Docket No. N19.12-0051

First Inventor or Application Identifier Home et al.

Title METAL VANADIUM OXIDE PARTICLES

Express Mail Label No. EL636052522US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Address To:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form e.g., PTO/SB17)  
(Submit an original and a duplicate for fee processing)

5. ☐ Microfiche Computer Program (Appendix)

2. ☒ Specification [Total Sheets- - 47]

6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)

(preferred arrangement set forth below)

- Descriptive title of the Invention)

- Cross References to Related Applications

- Statement Regarding Fed sponsored R & D

- Reference to Microfiche Appendix

- Background of the Invention

- Brief Summary of the Invention

- Brief Description of the Drawings (if filed)

- Detailed Description

- Claim(s)

- Abstract of the Disclosure

a. ☐ Computer Readable Copy

b. ☐ Paper Copy (Identical to computer copy)

c. ☐ Statement verifying identity of above copies

☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets - 12]

Oath or Declaration [Total Sheets 3]

a. ☐ Newly executed (original or copy)

b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)

i. ☐ **DELETION OF INVENTOR(S)**

Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

## ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))

8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney

9. ☐ English Translation Document

10. ☐ Information Disclosure Statement (IDS/PTO - PTO) ☐ Copies of IDS

11. ☒ Preliminary Amendment

12. ☒ Return Receipt Postcard (MPEP 503)

13. ☐ \*Small Entity ☒ Statement filed in prior application.  
Statement(s) Status still proper and desired  
(PTO/SB/09-12)

14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

15. ☐ Request and Cert. Under 35 USC 122 (Non-Pub)

16. ☐ Other: .....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☒ Continuation ☐ Divisional ☐ Continuation -in part (CIP) of prior application No: 09/246,076

Prior application information: Examiner J. Strickland

Group/Art Unit: 1754

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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Registration No. (Attorney/Agent) 39,650

Signature

*Peter S. Dardi*

Date 1/9/01

01-11-01

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Horne, et al  
Filed: Continuation of 09/246,076  
For: METAL VANADIUM OXIDE PARTICLES  
Docket No. N19.12-0051

TRANSMITTAL LETTER

"Express Mail" mailing label number: EL636052522US  
Date of Deposit: January 9, 2001

The following paper(s) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee", addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231

1. Utility Patent Application Transmittal
2. Continuation Patent Application comprising the following pages:
  - 1 pg Abstract
  - 43 pgs Specification
  - 3 pgs Claims
  - 12 Sheets of Informal drawings.
3. Transmittal Letter
4. Fee Calculation Sheet (in duplicate)
5. Declaration
6. Assignment and Recordation Cover Sheet
7. Checks in the amounts of \$364.00 and \$40.00
8. Post Card.

Under 37 CFR § 1.136(a) (3), applicants hereby authorize for any future reply, the incorporation of any required petition for extension of time for the appropriate length of time and authorize the charging of fees under § 1.17 to deposit account 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

BY: Peter S. Dardi  
Peter S. Dardi, Ph.D.  
Reg. No. 39,650  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, MN 55402-3319

01/09/01  
JC986 U.S. PTO

01/09/01

FEE TRANSMITTAL		Complete if Known																																																																																																																																			
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1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A.  2. <input checked="" type="checkbox"/> Check Enclosed		<b>3. ADDITIONAL FEES</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For Filing a Request for Reexamination</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>280</td> <td>945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>148</td> <td>110</td> <td>248</td> <td>55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,270</td> <td>242</td> <td>650</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>143</td> <td>470</td> <td>243</td> <td>250</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Code	Fee (\$)	Code	Fee (\$)	105	130	205	65	Surcharge - Late filing fee or oath		127	50	227	25	Surcharge - Late provisional Filing Fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For Filing a Request for Reexamination		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	280	945	Extension for reply within fifth month		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		148	110	248	55	Terminal Disclaimer Fee		140	110	240	55	Petition to Revive - unavoidable		141	1,240	241	620	Petition to Revive - unintentional		142	1,270	242	650	Utility/Reissue issue fee (inc. advance copies)		143	470	243	250	Design issue fee (inc. advance copies)		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Statement		581	40	581	40	Recording each patent assignment per property (times number of properties)	
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Signature Peter S. Dardi  
(Peter S. Dardi)

Reg. No. 39,650

Date January 9, 2001

Deposit Account No. 23-1123